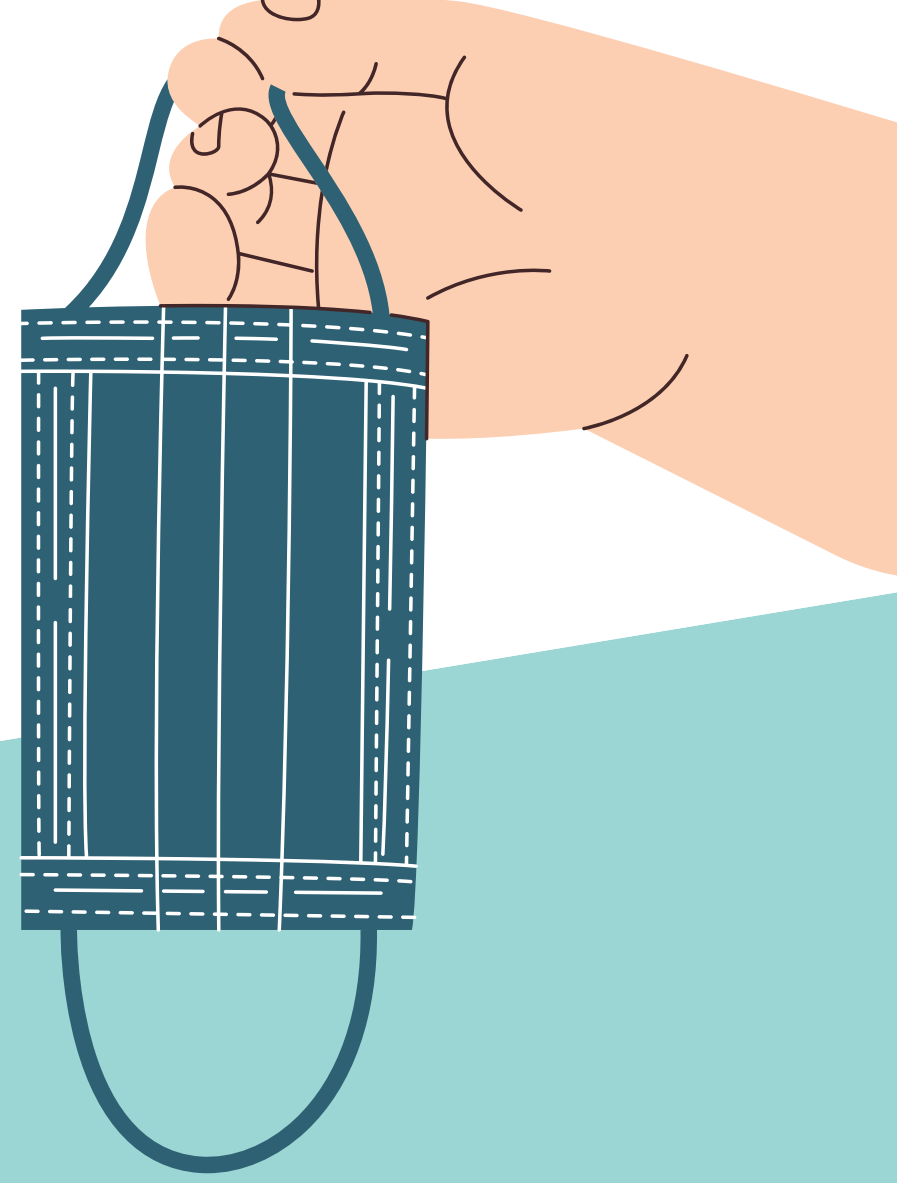


# How can we design a sustainable physical solution – a prototype technology – that hinders the transmission of COVID-19 in refugee camps in Greece?

#Group 6



## EXISTING INITIATIVES

*Sustainability in times of Covid-19* Is a very new field with lots of exciting initiatives.



Sustainable PPE waste management by thermal, chemical, irradiative and biological processes, and PPE decontamination using concentrated hydrogen peroxide and UV-light.

Biodegradable and plastic free PPE which decomposes in a landfill in two years, and 3D-printed reusable masks and other forms of PPE.

(PPE = Personal Protective Equipment)



Volunteers  
Network  
Knowledge  
Funding

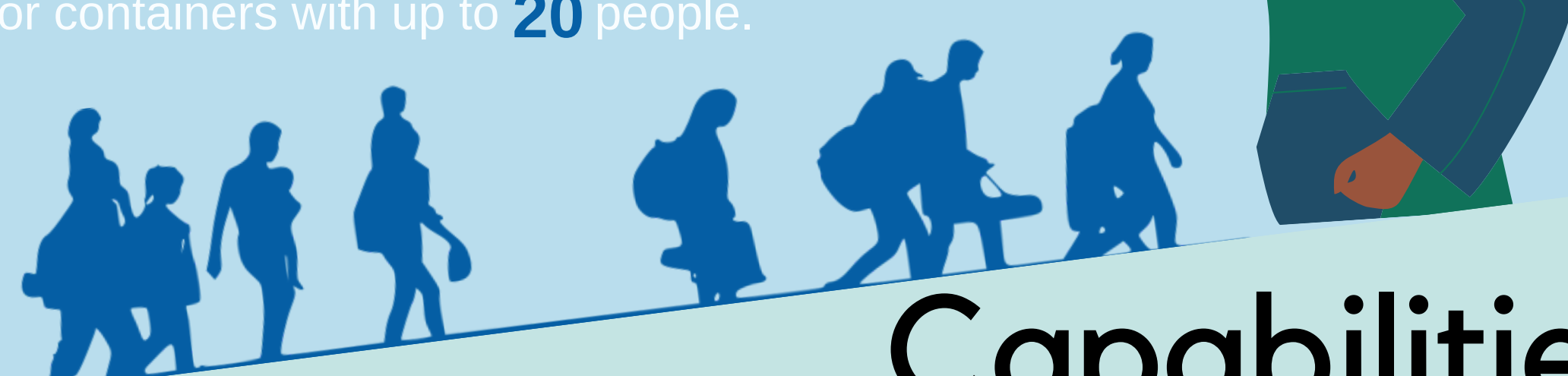
Lack of education,  
nutrition, and safety.



## Stakeholders

Refugees in Greece have very little money, no possibility of handwashing, social distancing or self-isolation. They share a water tap with up to **325** people, have no more than **5 m<sup>2</sup>** per person and share tents or containers with up to **20** people.

PPE shortage  
Extreme  
working  
conditions



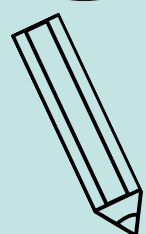
## Capabilities



Life and Bodily Health



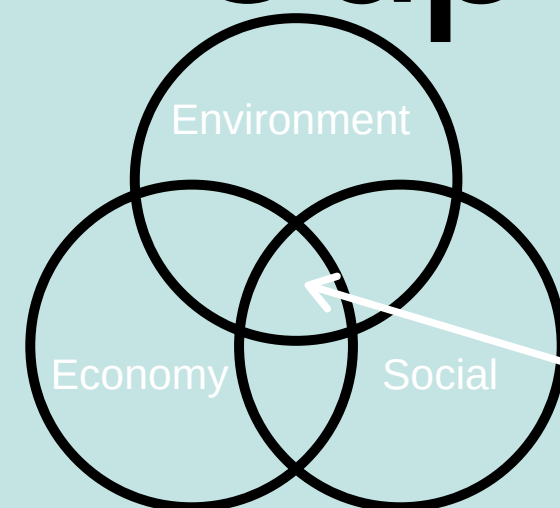
Other species



Senses, imagination and thought



Control over one's environment (material)



We are designing something that will be used and produced sustainably. This means there will be environmental, social and economical sustainability.

Sustainable *Synthesis*

Digital story



SCAN ME